

# SUPERMICRO<sup>®</sup> Twin Family

Unrivalled Efficiency and Performance · Cost-Effective with High Reliability/Density

## 2U Twin<sup>2</sup> Four DP Nodes in 2U



Gold Level  
80 PLUS<sup>®</sup> Certified  
Power Supplies



Rear View



Front View

- Highest Performance per Watt (**375 GFLOPS/kW**)
- Highest Performance per Dollar
- Four Independent Hot-pluggable DP Nodes
- High-efficiency Power Supply (93%+) with Optional 1+1 Redundancy
- Power-efficient Serverboard and Cooling Subsystem Designs

## 1U Twin<sup>™</sup> Two DP Nodes in 1U



Gold Level  
80 PLUS<sup>®</sup> Certified  
Power Supplies



Front View



Rear View

- **Innovation Excellence** Server Award
- Double Computing Density: Shared Power, Chassis and Cooling
- High-efficiency Power Supply (93%+)
- Onboard QDR or DDR InfiniBand or 10GbE for High-performance Connectivity
- 24 DIMMs DDR3 Memory Support in 1U

## Twin Family

The Supermicro **Twin Family** is truly revolutionary. With four nodes in a 2U space, the new **2U Twin<sup>2</sup>**™ delivers world-class energy efficiency and performance in a small but powerful package. Built with independent full-function system control and management, each node is contained in a convenient module design for easy system upgrade, installation and maintenance. Optimized redundant power and cooling make the Supermicro **2U Twin<sup>2</sup>**™ the best choice for HPC, datacenter and cost-effective blade applications. Together with the award-winning **1U Twin<sup>™</sup>** systems, Supermicro offers the most advanced and complete HPC solutions in the world.

## Twin Family Compatible Motherboards:



**X8DTT-IBQF**  
(Tylersburg based)



**X8DTT-INFF**  
(Tylersburg based)



**X8DTT-L**  
(Tylersburg based)



**X7DWT**  
(Seaburg based)



**X7DCT**  
(San Clemente based)



**X7DBT**  
(Blackford based)



**X7DGT**  
(GreenCreek based)



**X7SBT**  
(BearlakeX based)



**H8DMT**  
(MCP55-Pro based)